

FIG. 1A

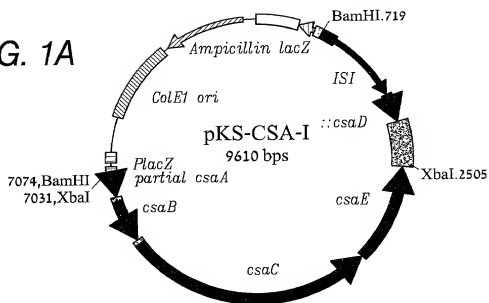


FIG. 1B

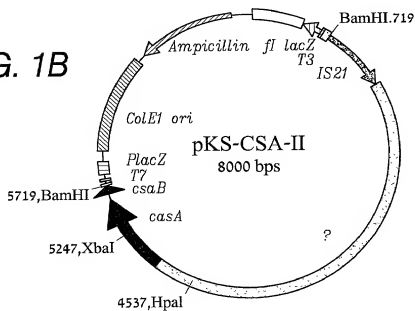


FIG. 1C

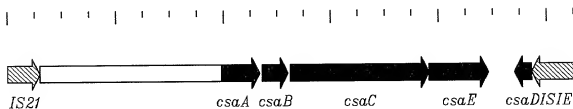


FIG. 1D

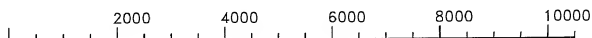


FIG. 2B

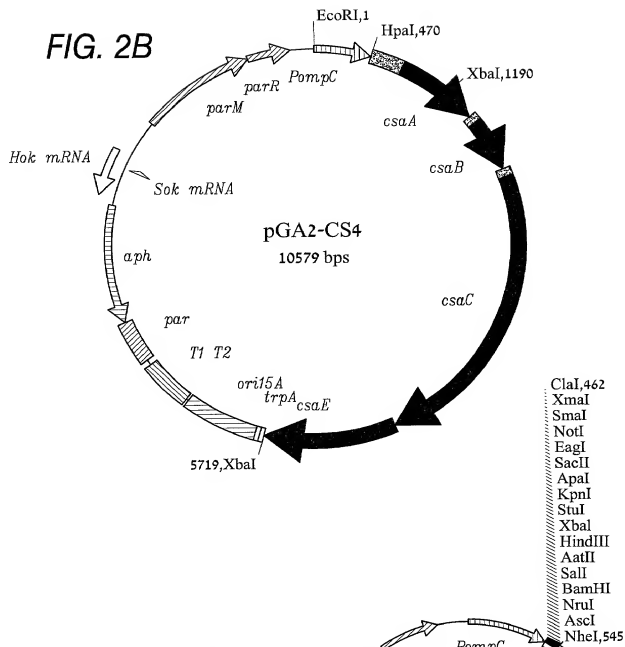
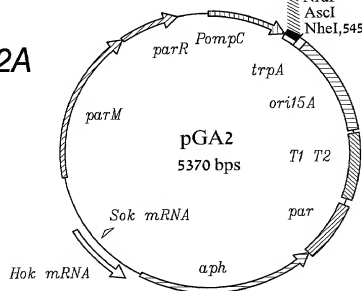


FIG. 2A



1	.....	50
CsaE	TMNKILFIET LFFSSVLFTF AVSADKIPGD ESITNIFGP. RDRNESS	P
CfaE	MNKILFIET LFFSSGFFTF AVSADKNPGS ENMTNTIGP. HDRGSSS	P
CotD	MKKVIFVLS MFLCSQVYGQ SWHTNVEAGS INKTFSIGP. IDRSAAASY	P
CooD	..MKKIFIL SIIFSASVSA GRYPETTVGN LTKSFQAPR. LDRSVQS	P
TsaD	MSNIC4KWTSM TAHWSAIIINF IRKYVYPARI IAIL114AGAT LPQVADATV	
Consensus	..nK.....f .....Sa .....fr .....ag. i .....ag- ldr.a.a.....	P
51	.....	100
CsaE	KHNILNNHIT A YSESH TLYDRMT.FL CLSSHNTLNG ACPTSENPS	
CfaE	..YNILNSYLT A YNGSH HLYDRMS.FL CLSSQNTLNG ACPPSDAPGT	
CotD	AHYIFHEBVA G YNKDH SLFDRMT.FL CMSSTDASKG ACPTGENSKS	
CooD	..IYIFTHVA G YLSH SLYDRIV.FL CTSSSNPVNG ACPTGTSGV	
TsaD	DLNYDKNNVA VITPVWSQEW SVANLVGGWY CRSNRNENEG CEETHLVVWW	
Consensus	..ni..nhva .....ys..h sljr-ll C.Ss.#..G ACpt	
101	.....	150
CsaE	SSVSQETNIT LQFTEKRS LI KRELQIKGYK QLLFKNVNC. ..PSGLTLNS	
CfaE	ATIDGETNIT LQFTEKRS LI KRELQIKGYK QLFKNANC. ..psKLALNS	
CotD	S..QGETNIK LIFTEKRS LA RKTLLNKGYK RFLYESDRCI HYVDKMNLS	
CooD	Q..YGTITIT LQFTEKRS LI KRNINAGNK KPIWENQSC. DFSNIMVLNS	
TsaD	YAFGAYSXIR LRFREQISHA EITLILLGSV R DAC. TGVINMNA	
Consensus	..g.t.i. L.FEEx.Sla ..U.I.G.kr .....d.C. y .....n\$Ns	
151	.....	200
CsaE	AHFNCNKNA. ASGASLYLYI PAGELKNLPF GGIWDATLKL RVKRR ... YS	
CfaE	SHFQCNREQ. ASGATLSLYI PAGELKNLPF GGWNVAVLKL NvKRR ... Y	
CotD	HTVKCVGSF. TRGVDFTLIYI PQGEIDGLLT GGIWKATLEL RVKRRH. YD	
CooD	KSWSCGA HGN ANGTILNLYI PAGEINKLPF GGIWEATLIL RLSRYGEVSS	
TsaD	AACQW GRSLKLRI PSEELAKIP1 SGTWKATLVL DYLGWQ. GD	
Consensus	.....c .....G.....I.LyI P.gEl.klpt gGIW.AL.L.r	r.g.d
201	.....	250
CsaE	ETVGYTINI TKLITDK. G NIQIWLPGF. KSDARVDLNL RPTGGGTIYG	
CfaE	TTYGYTINI TVNLTDK. G NIQIWLPGF. KSNARVDLNL RPTGGGTIYG	
CotD	YNHGYTKVNI TVDLTDK. G NIQVWTPKF. HSDPRIDLNL RPEGNKGYSG	
CooD	THYGNVYVNI TVDLTDK. G NIQVWLPGF. HSNPRVDLNL RPIGNKGYSG	
TsaD	DPLGTSTTDI TLNVTDHFAE NAAIYFPQFG TATPRVDLNL HRMNASQMSG	
Consensus	--- Gyt-#I Tv.ITDK..g NiqIw.PqF. s.pRIDLNL rp.g ... ySg	
251	.....	300
CsaE	RNSVDMCFYD GYSTNSSLE IRFQDNNPKS DGKFYLKIN DDTKEIAYTL	
CfaE	RNSVDMCFYD GYSTNSSLE IRFQDNNPKS DGKFYLKIN DDSKELYTL	
CotD	SNVLEMCLYD GYSTHQSIE MRQDSDSQTG NNEYNLIKIG EPLKCLPYKL	
CooD	SNSLDMCFYD GYSTNSDSMV IKFQDNNPTN SSEYNLYKIG G.TEKLPAV	
TsaD	RANLDMCLYD G.GVKARSLQ MMEGNSKSG TG.FQVTK S DSADITIDAV	
Consensus	m.1#MC1YD Gyst.s.SI. mkl#ddn.g g-%.lK.. d l. Yav	
301	.....	350
CsaE	SLLLAGXSLT PTNGTSLNIA DAASLFTNWN RITAVTMPEI SVPVLCWPGR	
CfaE	SLLLAGKNLT PTNGQALNI NTASLETNWN RITAVTMPEI SVPVLCWPGR	
CotD	SLLLGGREFY PNNKGAFITN DTSSLFINWN RIKSVSLPQI SIPVLCWPAN	
CooD	SLI14GEKIFY PVNGQSFTIN DSSVLETNWN RVTAVAMPEV NVPVLCWPAN	
TsaD	SMNYGGRSIP VTRGVFESLD NVDKAATR. .PVLVPGQ RQAVRCVPVP	
Consensus	SS1.ggr..... -- ptnG-..... f.i. # -- l.twnn r .....V.7SP pVlcwp	
351	.....	383
CsaE	LQLDAK ... V ENPEAGQYMG NINVTFTPS	QTL
CfaE	LQLDAK ... V KNPEAGQYMG NIKITFTPS	QTL
CotD	LTFMSE ... L NNPEAGEYSG ILNVITFTPS	SSL
CooD	LLLNAD ... V NAPDAQYSG QIVITFTPS	ENL
TsaD	LTUTTPQFNI REKRSGBYQG TLTVTLMGT	QTP
Consensus	Ltl .....p.aG#Y.G.1-1Tftps. qtl	

